PART V

CROPS

Major Crops

Farms in the lowlands of Whatcom County generally are specialized. Principal crops of the county include hay, small grains, vegetables, potatoes, and berries. Large acreages of cropland are devoted to raising feed crops because of the importance of dairy and livestock farming in the area. Harvested cropland in Whatcom County amounted to 70,870 acres in 1959. The climate of the region satisfies the water needs of most crops raised in the county but about 9,000 acres of cropland were under sprinkler irrigation in 1959.

In 1962, more acreage of clover-timothy hay was grown in Whatcom County than any other single crop. Whatcom was the state's leader in clover-timothy hay with 40,000 acres in 1962. Other important crops raised in the county include oats, green peas, alfalfa hay, potatoes, strawberries, and grass silage. Whatcom is the leading Washington county in grass silage production. Also, Whatcom ranks second in the state in the amount of strawberries grown.

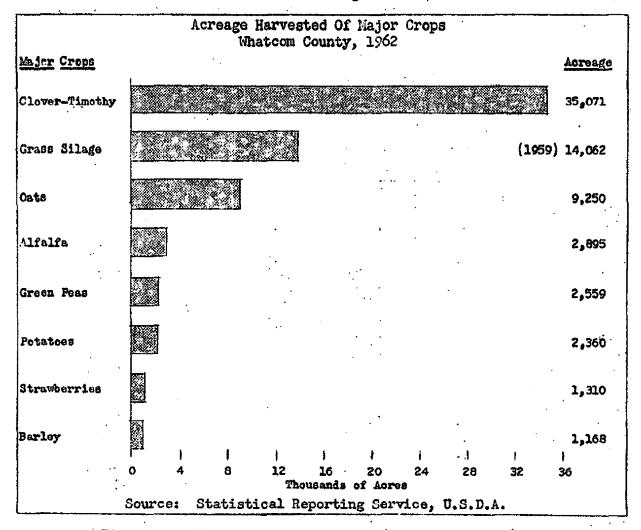


Figure 10. Major Crop Acreages, Whatcom County, 1962.

Crop Trends

A number of changes are apparent in the emphasis and acreages Whatcom County farmers have given to leading crops. These show the influence of new market outlets and improved facilities for the distribution and storage of farm products. They also reflect technological advances in agriculture. New food processing methods have influenced the acreage devoted to various crops. Indeed, changes of crop patterns have resulted from the farmers own initiative in experimentation with different crops and types of farming.

Whatcom County agriculture through specialization and intensification has become increasingly more valuable to the regional economy. Crops which have increased in acreage over the years include hay, silage, commercial vegetables, and berries. Some crops which were important in the past have declined. These include small grains and tree fruits.

Hay Crops

For many years the most important crop in Whatcom County from the acreage standpoint has been hay. Hay acreage has greatly increased in the last several decades. In 1920, about 34,000 acres were devoted to hay in the county, compared with nearly 43,000 acres in 1940 and over 56,000 acres in 1959.

Table 14. Alfalfa Hay and Clover-Timothy Hay
Acreage, Yield and Production
Whatcom County, 1939-1962

	madous council, 1/// 1/-								
		Alfalfa Ha	У	Clove	r and Timot	hy Hay			
Year	Harvested Acres	Yield (Tons Per Acre)	Production (Tons)	Harvested Acres	Yield (Tons Per Acre)	Production (Tons)			
1939	2,020	3.5	7,100	36,600	2.4	88,000			
1940	2,360	3.0	7,100	34,600	2.4	81,400			
1941	2 , lµ00	3.3	7,900	33,100	2.4	80,200			
1942	2,560	3.6	9,200	35,200	2.6	90,600			
1943	2,430	3.8	9,320	34,800	2.4	81,900			
1944	2,110	3.1	6,500	35,800	2.6	8t ¹ ,f00			
1945	2,040	3.1	6,300	35,500	2.2	79,100			
1946	1,870	3.0	5,700	34,800	2.5	85,300			
1947	1,590	3.0	4,800	33,400	2.4	79,400			
1948	1,870	3.0	5,600	35,500	2.5	87,800			
1949	2,140	3.0	6,500	37,000	2.4	88,800			
1950	1,950	3.4	6,600	36,000	2.1	76,600			
1951	2,000	2.7	5,400	35,600	1.9	66,600			
1952	2,190	4.1	8,900	3 6,700	2.3	85,100			
1953	2,540	3.5	9,000	36,500	2.2	81,300			
1954	2,270	3.0	6,800	36,000	2.3	83,300			
1955	2,440	3.5	8,600	10,000	2.4	96,000			
1956	1,900	3.8	7,220	42,300	2.0	84,600			
1957	2,300	3.1	7,130	45,000	2.5	112,300			
1958	2,400	2.1	5,010	39,000	2.3	88,000			
1959	2,900	2.9	8,400	35,000	2.0	71,300			
1960	3,800	2.8	10,500	39,800	2.3	92,400			
1961	3,300	2.1	6,940	39,000	2.3	90,000			
1962	3,000	2.8	8,400	40,000	2.3	93,000			

Source: Statistical Reporting Service, U.S.D.A.

In terms of acreage, clover-timothy hay is the dominant crop in Whatcom County. This hay crop is well-suited to the relatively humid summers of western Washington and to the level and gently sloping terrain. Heavy dependence on hay crops by local dairymen is another reason for the large acreage in the county. Since 1939, the clover-timothy hay acreage has ranged between 45,000 acres in 1957 and 33,100 acres in 1961. Average yields have been between 1.9 and 2.6 tons per acre. In 1962, about 93,000 tons were harvested from a total of 40,000 acres—an average of about 2.3 tons per acre. Whatcom leads all other Washington counties in acreage and production of clover-timothy hay. Most of the county's clover-timothy acreage is concentrated in the Nooksack River Plain.

Silage cut from clover, alfalfa, and grass mixtures is becoming increasingly important. In 1949 Whatcom County farmers put up 24,850 tons of silage, compared with 77,716 tons in 1954 and 106,005 tons in 1959. The acreage cut increased from 3,717 in 1949 to 10,223 in 1954 and to 14,062 in 1959. Farmers have found that cutting hay for silage furnishes a high quality, succulent feed and reduces feed losses caused by occasional wet weather during hay harvesting. Silage is used extensively for feeding dairy cattle. Whatcom ranks first among the Washington counties in grass silage production, and in 1959 accounted for about one-fifth of the state's tonnage.

Other hay crops are grown on a lesser scale. Alfalfa grown on Whatcom farms has declined in recent years. In 1960 a high of 3,800 acres was reached, compared with an estimated 3,000 acres in 1962. Production dropped from 10,500 tons to 8,100 during the same period. Since 1939, yields have varied between 2.1 and 4.1 tons per acre. Minor amounts of small grains are cut for hay in the county. Also, some wild hay is harvested each year.

Small Grains

As a group, small grains rank second in the county in terms of acreage. Since 1920, the acreage devoted to small grains has decreased in Whatcom County. Oats, barley, wheat and rye totaled 14,516 acres in 1920 compared with 7,110 acres in 1962. Oats is the main small grain produced in the county, followed by barley. Wheat and rye are very minor.

The trend of oat acreage in Whatcom County has been generally downward. In 1962, about 377,000 bushels of oats were harvested from 5,800 acres. Winter and mid-season varieties are grown and are used almost exclusively as feed for live-stock. Whatcom is the second ranking county in western Washington in oat production.

In acreage, barley is the second most important small grain grown in Whatcom County. Over 1,000 acres were devoted to barley during the early 1940's. Since then, the acreage ranged between 1400 and 660 acres during the late 1940's and early 1950's. A low of 160 acres was reached in 1956. After 1956, barley rose to 1,400 acres in 1959, dropped to 350 acres in 1960, and then increased to 1,000 acres in 1962. In 1964 about 600 acres were devoted to this crop, yielding a total of 33,500 bushels.

Wheat is a very minor crop in the county. In 1964 only 160 acres were devoted to its production—about 50 acres of winter wheat and 110 acres of spring wheat. More winter wheat was harvested than spring wheat in approximately one-half of the years since 1939. In general, winter wheat yields have been better than for spring wheat. However, in 1964, about 3,850 bushels of spring wheat and

Table 15. Oats and Rye: Acreage, Yield and Production Whatcom County, 1939-1962

		Oats		Rye				
Year	Harvested Aores	Yield (bushels per acre)	Production (bushels)	Harvested Aores	Yield (bushels per acre)	Production (bushels)		
1939	12,600	52.0	655,200	30	25.0	750		
1940	11,900	47.0	559,300	20	6.0	120		
1941	11,500	56.0	644,000	50	26,0	1,300		
1942	12,100	56.0	677,600	50	23,0	1,150		
1943	11,700	60.0	702,000	60	9.0	540		
1944	12,400	52.5	651,000	60	8.0	480		
1945	11,100	46.5	516,200	60	21.7	1,300		
1946	10,800	54.5	588,600	50	22 20	1,100		
1947	11,700	56.0	655,200	70	18.0	1,260		
1948	13,200	48.5	640,200	160	1,652	3,700		
1949	14,700	57.0	837,900	70	21.4	1,500		
1950	12,500	56.0	700,000	50	14.2	710		
1951	14,500	57.0	826,500	40	28.5	1,140		
1952	13,300	66.3	882,000	110	16.0	1,760		
1953	11,700	64.0	748,800	40	20.5	820		
1954	11,900	58.0	690,200	30	26.7	800		
1955	9,200	72.0	662,400	40	23.0	920		
1956	7,700	71 _c 0	546,700	60	14.0	840		
1957	12,500	64.5	806,200	190	42.0	7,980		
1958	12,000	49.0	568,000	150	37€0	5,550		
1959	9,500	57 •5	546,200	190	38,0	7,220		
1960	6,900	62.0	427,800	90	24.0	2,160		
1961	5,800	62.0	359,600	170	35.0	5,950		
1962	5,800	65 ₂ 0	377,000	80	32,0	2,560		

Source: Statistical Reporting Service, U.S.D.A.

Table 16. Wheat and Barley: Acreage, Yield and Production.
Whatcom County, 1939-1964

			, , , , , , , , , , , , , , , , , , ,		· ·			
		All Wheat		Barley				
Year	Harvested Acres	Yield (bushels per acre)	Production (bushels)	Harvested Acres	Yield (bushels per acre)	Production (bushels)		
1939 1940 1941 1942 1943 1944 1945 1946 1947 1951 1952 1953 1955 1956 1957 1958 1959 1960 1962	280 900 870 710 570 520 370 510 470 790 910 250 320 280 480 370 510 330 510 410 600 210 230	28.5 25.0 27.6 28.0 34.6 29.9 34.1 31.6 31.6 31.6 37.4 31.6 37.8 38.7 41.6 37.8 38.7 41.5 37.8 38.7 41.5 37.8 38.7 41.5 38.7	25,100 22,500 24,000 19,910 12,800 15,550 12,600 17,500 25,240 25,240 26,200 9,140 7,620 10,840 19,960 13,980 18,030 14,300 27,360 12,630 23,400 8,460 8,620	1,350 1,270 1,270 1,220 940 650 550 440 450 490 510 540 500 440 500 1,000	98 - 00 38 - 00 39 - 7 40 - 00 44 - 00 44 - 00 45 - 00 47 - 00 47 - 00 48 - 00 48 - 00 48 - 00 48 - 00 49 - 00 48 - 00 48 - 00 49 - 00 48 - 00 49 - 00 49 - 00 49 - 00 40 -	51,300 46,250 46,250 46,440 51,240 37,600 28,600 25,300 21,600 24,500 24,500 24,500 24,500 24,500 24,500 24,500 24,500 21,680 27,540 21,680 27,540 21,680 21,000 24,200 31,680 19,040 39,500 58,800 19,200 42,800		
1963 1964	230 1.60	34.1 39.7	8,860 7,850 6,350	530 600	43,5 55,8	25,710 33,500		

Source: Statistical Reporting Service, U.S.D.A.

2,500 bushels of winter wheat were produced, with yields of 35 and 50 bushels per acre, respectively.

Rye is another minor crop in Whatcom County. Acreage has been somewhat erratic over the past decades. Since 1939, land devoted to rye has ranged between 20 and 190 acres. Only 80 acres of rye were harvested in 1962. Production totaled 2,560 bushels in that year with yields averaging about 32 bushels per acre.

Table 17. Winter Wheat and Spring Wheat Whatcom County, 1939-1964

		Vinter Vhea	t	Spring Wheat			
Year	Harvested Acres	Yield (Bushels Per Acre)	Production (Bushels)	Harvested Acres	Yield (Bushels Per Acre)	Production (Bushels)	
1939	1,20	29.1	12,220	460	28.0	12,880	
1940	560	27.7	15,500	340	20.6	7,000	
1941	550	28.2	15,500	32 0	<i>-</i> 26.6	8,500	
1942	160	կօ.կ	6,470	550	24.4	13,440	
1943	250	29.6	7,400	120	45.0	5,400	
1944	21,0	30.L	7,290	280	29.5	8,260	
1945	220	30.0	6,600	150	10.0	6,000	
1946	190	33.2	6,300	320	35.0	11,200	
1947	160	34.0	5,440	310	31.6	9,800	
1948	450	30.2	13,600	3140	33.5	11,400	
1949	55 0	30.0	16,500	360	32.5	11,700	
1950	160	29.0	4,640	90	50.0	4,500	
1951	260	24.0	6,21,0	60	23.0	1,380	
1952	240	ш.5	9,960	ħΟ	22.0	880	
1953	3 10	43.0	13,330	170	38.0	6,460	
1954	120	中.5	4,980	250	36.0	9,000	
1955	110	53.0	5,830	700	30.5	12,200	
1956	110	0.84	5,280	220	11.0	9,020	
1957	5/10	60.0	14,400	270	48.0	12,960	
1958	160	43.0	6,880	250	23.0	5,750	
1959	200	10.0	8,000	700	38.5	15,400	
1960	90	54.0	4,860	120	30.0	3,600	
1961	140	30.0	4,200	140	33.0	4,620	
1962	130	42.0	5,460	100	34.0	3,400	
1963	120	37.0	٥ بليار بنا	110	31.0	3,410	
1964	50	50.0	2,500	110	35.0	3,850	

Source: Statistical Reporting Service, U.S.D.A.

Vegetables

Recent expansion of vegetable farming in Whatcom County has significantly changed crop acreages. The Census of Agriculture in 1920 recorded 178 acres in commercial and other vegetables in the county. By 1940, the vegetable acreage had increased to nearly 1,100 acres. The greatest expansion occurred after 1940. In 1963 Whatcom County farmers harvested vegetables from well over 5,300 acres—almost 5 times the 1940 acreage.

Table 18.	All Vegetables, Green Peas, and Sweet C	orn
	Acreage and Production	
	Whatcom County, 1954-1963	

	All Vegetables		Green Peas	(Processing)	Sweet Corn		
Year	Harvested	Production	Harvested	Production	Harvested	Production	
	Acres	(Tons)	Acres	(Tons)	Acres	(Tons)	
1954 1955 1956 1957 1958 1959 1960	2,685 3,280 4,038 3,571 2,900 3,510 3,500 5,210	6,365 9,190 13,835 10,425 9,530 11,080 13,063 19,022	1,200 1,700 2,540 2,600 2,250 2,900 2,800 3,700	1,680 2,210 6,110 5,090 4,500 6,090 5,520 7,400	700 800 540 200 20 20 30 850	1,400 3,100 2,200 700 80 80 80 4,000	
1962	5,370	20,360	3,800	8,400	900	4,500	
1963	No data	No data	3,500	7,100	980	5,680	

Source: Statistical Reporting Service, U.S.D.A.

Table 19. Vegetable Crops: Snap Beans, Cucumbers, and Carrots
Acreage and Production
Whatcom County, 1954-1963

	Sna	p Beans	Cu	cumbers	Carrots		
Year	Acres	Production (Tons)	Acres	Production (Tons)	Acres	Production (Tons)	
1954	700	1,350	175	525	50	900	
1955	100	1,600	200	800	50	1,000	
1956	450	2,000	175	700	80	1,700	
1957	450	2,700	90	360	100	1,200	
1958	320	2,240	90	540	90	1,530	
1959	250	1,300	90	1120	140	2,800	
1960	290	1,220	30	200	200	5,600	
1961	290	1,740	170	1,620	150	4,000	
1962	300	1,200	190	860	180	5,400	
1963	350	1,670	270	2,520	200	5,000	

Source: Statistical Reporting Service, U.S.D.A.

By far the single most important vegetable crop in terms of acreage and value in the county is green peas grown for processing. Whatcom County, with 2,559 acres, ranked 29th in green pea acreage among all United States counties in 1959. Acreage has increased since then to about 3,500 acres in 1963. In 1963, Whatcom County ranked fifth in Washington in green pea production with 7,100 tons--about 6 percent of the state total.

Sweet corn was the second ranking vegetable crop in terms of acreage in 1963. Land devoted to this crop increased from a low of 20 acres in 1958 and 1959 to about 980 acres in 1963. Production amounted to around 5,680 tons in 1963. Sweet corn is grown for both fresh markets and processing.

The 1963 production of snap beans totaled 1,670 tons from 350 acres in Whatcom County. Whatcom was among the top four counties in the state for snap bean acreage in 1963, and contributed 11 percent of the state's total production. Snap beans are sold to both the fresh market and to processors.

About 2,520 tons of cucumbers for pickles were produced from 270 acres in Whatcom County in 1963. Whatcom was the leading producer in the state in that year, accounting for about 20 percent of the state production. Also in 1963, the county produced about 5,000 tons of carrots which was nearly 20 percent of the state total. Whatcom ranked second among the Washington counties in the amount harvested that year. Carrots go to processors as well as to fresh market.

Until very recently, broccoli, cauliflower, and celery were also raised commercially in the county. Since 1961, no acreages have been reported for these crops by Whatcom county farmers.

Potatoes and Field Corn

Although most of the state's potatoes are grown east of the Cascades. What-com leads other western Washington counties in potato production. The county is especially important in the production of seed potatoes. The general trend in the growing of potatoes has been upward. In 1963, about 24,100 tons were harvested from 2,060 acres. Whatcom accounted for about 4 percent of the state's total production in that year.

Table 20. Potatoes: Acreage, Yield and Production Whatcom County, 1945-1963

Year	Harvested Acres	Yield (Hundredweight Per Acre)	Production (Hundredweight)
1945 1946 1948 1949 1950 1951 1953 1954 1955 1956 1958 1959 1960 1961 1962 1963	1,300 1,110 1,120 1,370 1,400 1,500 1,550 1,900 1,700 1,700 2,250 2,350 2,350 2,370 2,340 2,100 2,060	124 140 190 200 200 210 192 226 230 247 187 200 165 240 241 220 228 234	161,200 155,400 212,800 274,000 280,000 336,000 297,600 430,000 414,000 420,000 420,000 420,000 470,000 423,400 568,000 628,000 514,000 478,800 482,000

Source: Statistical Reporting Service, U.S.D.A.

Field corn for grain is a minor crop in Whatcom County. In 1953, only 3,200 bushels were harvested for grain from 40 acres. About 150 acres were devoted to lield corn in 1957 but acreage has dropped to virtually nothing in several of the years since them. Field corn cut for silage, however, is important in the county.

Table	21.	Field Corn:	Acreage	, Yield and	Production
		Whatcom	County, 1	939-1963	•

		Field Corn	
Year	Harvested Acres	Yield (Bushels Per Acre)	Production (Bushels)
1939 1940 1944 1944 1944 1945 1946 1950 1951 1955 1955 1955 1956 1958 1959	60 50 40 20 20 10 10 10 10 10 10 10 10 10 10	Per Acre) 28.0 30.0 26.0 26.0 12.0	1,680 1,500 1,040 520 240 480 540 450 1,10 340 690 1,260 1,260 1,260 1,960 6,600
1960			
1961			
1962	· 40	86.0	3,440
1963	Δio	80.0	3,200

Source: Statistical Reporting Service, U.S.D.A.

Berries

Deep, loamy, lowland soils and a mild climate have combined to make Whatcom one of the state's leading berry producing counties. The main berry crop is strawberries, followed by red raspberries. Less emphasis has been placed on blueberries and cultivated blackberries, which are also grown commercially.

In 1959, Whatcom ranked eleventh among all U. S. counties in strawberry acreage. Acreage increased from 1,330 in 1959 to 1,590 in 1962, but decreased to 1,060 in 1964. The county's strawberry acreage has not come up to levels reached prior to the disastrous freeze in 1955. In 1964, about 7,632,000 pounds were harvested in the county, which represented over 18 percent of the state's total production. The predominant variety is the Northwest, although some Columbia strawberries are also grown. Most harvested strawberries to go processors for freezing.

Some are later sold for the commercial manufacture of preserves, jams, and other products.

Whatcom County ranked second in the state in red raspberry acreage and production in 1964, when 720 acres produced 4,500,000 pounds of berries. Whatcom's production accounted for over a quarter of the state total in that year. The red raspberry acreage has increased in recent years. The predominant variety grown in the county is the Willamette. Other varieties include Puyallup, Sumner, Canby, and Fairview.

In 1964, blueberries were harvested from about 60 acres in Whatcom County-nearly 10 percent of the state's total acreage. Production amounted to 312,000 pounds in that year, representing over 9 percent of the state harvest figure. The county blueberry acreage has recently more than doubled. Varieties grown include Jersey, Concord, and Rancocas.

Whatcom County's cultivated blackberry production is small. Blackberry acreage in the county has gradually declined from a high of 50 acres during the mid-1950's to less than 10 acres in 1964. Many growers plowed out their blackberries as the result of low prices after 1957. There was virtually no crop in 1956 because of the severe November 1955 freeze.

Table 22. Berry Crops: Strawberries, Raspberries
Blueberries, and Cult. Blackberries
Whatcom County, 1950-1964

Year	Strawberries		Red Raspberries		Blueberries		Cult. Blackberries	
1001	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.
1950	1,540	4,300	500	1,520	5	10	5	10
1951	1,750	3,500	360	1,440	20	40	20	160
1952	1,700	6,105	310	1,340	20	60	30	190
1953	1,850	10,000	290	1,570	25	80	ЦО	230
1954	1,900	11,800	280	1,360	40	120	50	180
1955	1,750	9,000	300	1,420	40	90	50	200
1956 1957	100 1,400	120 7,8 40	50 350	70 2, <u>li</u> 10	35 40	110 135	2 0	100
1958	1,350	7,950	1,120	1,770	40	145	20	140
1959	1,330	9,840	1,11,0	2,700	35	165	15	70
1960	1,400	11,200	1,00	3,000	35	170	15	90
1961	1,500	12,000	1150	3,038	30	171	10	k
1962	1,590	10,430	1450	3,195	30	180	No data	
1963	1,400	8,470	500	3,520	70	454	No data	
1964	1,060	7,632	720	4,500	60	312	No data	

Source: Statistical Reporting Service, U.S.D.A.

Tree Fruits, Nuts, and Grapes

Most fruit trees and grape vines in Whatcom County are in small plantings, and production is largely for home use. Tree fruit production in the county has greatly declined over the last several decades. The most noticeable change over the years has been the decline in the number of apple trees of bearing age. In 1910, the Census of Agriculture enumerated 102,777 apple trees of bearing age in the county, while in 1959 only 2,316 were counted. Significant decrease in the

number of pear, cherry, and prune trees of bearing age also has occurred.

According to the Census, only 228 acres in Whatcom County were devoted to thee fruits, nuts, and grapes in 1959. Five years earlier, in 1954, the acreage

				• =	and the second second	
٠,		_	2.42	** <u>**</u>		
	artino ede valous		Table 23.	Fruit Trees	of Bearing A	1ge
		•	- Wh	atcom County,	1900-1959	

	Year	Apple	Pear	Peach	Cherry	Plua & Prune	Apricot
er e	1900	101,554	5,602	8777	9,289	41,426	38
	1910	102,777	7,832	961	13,713	20,542	26
in the second second	1920	71,517	13,065	402	18,779	14,336	page 819
	1930	ևև,637	11,698		22,701	13,287	35
	1940	3 6,729	9,836	179	24,884	11,432	108
	1950	23,499	6,154	1,772	9,947	7,892	128
	1954	6,553	1,520	2,090	1,991	1,896	21,
	1959	2,316	498	1,283	513	56 7	15

Source: U. S. Census of Agriculture.

Whatcom County's production of filberts and walnuts has declined since World War II. In 1959 about 20,872 pounds of filberts were produced, compared with 83,843 pounds in 1950. The amount of walnuts harvested in the county dropped from nearly 17,000 pounds in 1945 to only 703 pounds in 1959.

Table 24. Nuts: Trees of All Ages and Production Whatcom County, 1940-1959

Year	Filb	erts	English Walnuts		
	Trees of All Ages	Production (pounds)	Trees of All Ages	Production (pounds)	
1940 1945 1950 1954 1959	21,003 15,870 9,451 4,600 2,572	74,782 79,517 83,843 26,167 20,872	1,448 1,418 1,384 339 171	11,150 16,928 16,241 3,475 703	

Source: U. S. Census of Agriculture.

Dry Field and Field Seed Crops

. Whatcom County's production of dry field peas and beans is very minor when compared with some other counties in the state. In 1959, 53 acres were devoted to dry field peas and production was 109,900 pounds. Only 1 acre was devoted to dry field beans in the same year, from which 300 pounds were harvested. Other seed crops in 1959 included 35 acres of red clover and 18 acres of red fescue. Production amounted to 3,705 pounds of red clover seed and 2,000 pounds of red fescue seed.

Horticultural Specialties

In 1959, 41 farms reported nursery and greenhouse type operations in Whatcom Seventeen of these farms had sales of over \$2,000 during the year from

marketing nursery and greenhouse products. Cut flowers, potted plants, florist greens, budding plants, and nursery products (trees, shrubs, vines, ornamentals, etc.) were the main products sold in 1959. Lesser sales of vegetables grown under glass, flower seeds, vegetable seeds, vegetable plants, bulbs, and mushrooms also were made in the same year. Expansion in nursery and greenhouse operations has taken place in the county with increase in population and the resulting demand for residential construction and landscaping.

Table 25. Number of Farms, Land in Farms and Value of Livestock and Crops Sold Off Farms, Washington Counties - 1959

County	Number of Farms	All Land in Farms (acres)	Value of all Crops Sold Off Farms (dollars)	Value of all Livestock and their Products Sold Off Farms (dollars)
Adams	786	1,076,960	21,055,532	3,547,300
Asotin	325	364,405	2,589,582	1,179,464
Benton	1,281	562,809	12,912,165	3,958,996
Chelan	1,636	215,646	16,877,563	660,083
Clallam	724	68,739	706,055	2,858,512
Clark	2,778	188,479	3,020,725	8,222,499
Columbia	333	359,134	9,778,027	1,148,786
Cowlitz	1,014	80,176	1,022,291	2,808,884
Douglas	935	1,012,561	12,985,276	1,067,743
Ferry	283	298,247	396,384	931,057
Franklin	742	590,027	10,305,160	3,596,711
Garfield	274	344,094	6,871,789	898,109
Grant	1,497	1,075,642	26,083,038	12,555,694
Grays Harbor	896	99,529	924,067	2,639,777
Island	493	38,702	515,863	1,909,572
Jefferson	256	35,123	212,568	758,107
King	2,952	114,719	6,240,212	14,298,190
Kitsap	906	29,776	437,819	1,374,547
Kittitas	905	580,035	2,961,833	10,945,370
Klickitat	741	960,614	3,859,102	3,083,797
Lewis	2,230	255,012	1,893,636	7,935,581
Lincoln	959	1,422,981	21.035.259	3,253,383
Mason	328	35,518	21,035,259 202,594	728,250
Okanogan	1,762	2,048,406	10,681,584	5,723,537
Pacific	499	53,348	819,224	1,086,617
Pend Oreille	366	124,239	265,001	1,222,488
Pierce	2,535	153,363	4,528,685	10,850,000
San Juan	209	45,707	91,694	595,403
Skagit	1,710	141,770	6,722,958	9,167,984
Skamania	177	20,177	283,595	259,736
Snohomish	2,919	148,604	2,788,695	12,899,240
Spokane	2,990	822,008	15,091,158	8,403,816
Stevens	1,608	803,776	3,836,457	5,676,015
Thurston	1,220	142,170	1,952,408	5,836,930
Wahkiakum	302	26,299	174,415	1,052,642
Walla Walls.	981	822,729	19,957,499	4,228,801
WHATCOM	3,151	185,045	3,943,630	17,706,625
Whitman	1,824	1,485,709	43,632,434	7,398,484
Yakima	6 ,01 0	1,884,694	75,760,207	32,919,536
State Total	51,577	18,716,972	353,816,184	215,388,266

Source: U. S. Census of Agriculture, 1959.